

A B S T R A C T

A metering machine comprising a frame receiving a hopper, at least one duct opening out into the hopper in the vicinity of a bottom thereof and receiving firstly a portion of a transfer screw extending at the bottom of the hopper, and at least one metering cylinder which slidably receives a suction and delivery piston and which is connected to the duct via a plug valve, wherein the metering cylinder and the duct have axes forming an angle of approximately at least 90° between them.